IN THE CLAIMS:

All pending claims and their present status are produced below.

1.   (Currently Amended) A ~~system~~ printer for ~~recording media content and for~~ generating media representations of a collection of media programs received from a media receiver, the ~~system~~ printer comprising:

a print drive interface for receiving scheduling preferences comprising a media program;

a control module for setting the media receiver to a channel that includes media program scheduling information;

an extraction module for extracting, ~~of media content~~ from [[a]] the ~~media receiver~~ channel, scheduling information associated with the media program;

~~an output device~~ a processing logic for generating a ~~media representation~~ list of scheduled play times of the media ~~content~~ program based on the extracted scheduling information, the list comprising one or more user selectable barcodes for each play time of the media program, wherein each barcode is associated with an action that is performed by the printer responsive to user selection of the barcode; ~~from the media receiver, the output device being coupled to the extraction module; and~~

a print engine for printing the list of scheduled play times of the media program; and

a media transfer interface for permitting communication between the ~~output device~~ printer and the media receiver, the media transfer interface being coupled to the media receiver.

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2. (Original) The system of claim 1, further comprising media content recognition software for recognizing features in media content.

3. (Original) The system of claim 2, wherein the media content recognition software further comprises speech recognition software.

4. (Original) The system of claim 2, wherein the media content recognition software further comprises optical character recognition software.

5. (Original) The system of claim 2, wherein the media content recognition software further comprises face detection software.

6. (Original) The system of claim 2, wherein the media content recognition software further comprises speaker detection software.

7. (Original) The system of claim 2, wherein the media content recognition software further comprises keyframe selection software.

8. (Original) The system of claim 2, wherein the media content recognition software further comprises face recognition software.

9. (Currently Amended) The system of claim 1, further comprising processing logic for controlling display of a user interface, wherein the user interface permits the user to control actions of the ~~output device~~ <u>printer</u>.

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10. (Cancelled)

11. (Currently Amended) The system of claim 1, further comprising a storage

medium for storing ~~media representations~~ <u>lists of scheduled play times of media programs</u> in

electronic format.

12. (Currently Amended) The system of claim 1, wherein the ~~media representation~~

<u>list of scheduled play times of the media program</u> generated by the ~~output device~~ <u>processing</u>

<u>logic</u> is stored on a digital storage medium.

13. (Original) The system of claim 1, further comprising one or more user

interaction devices that permit the user to interact with the printer and control the printer's

actions, wherein the user interaction devices are external to the printer.

14. (Currently Amended) The system of claim 1, wherein the ~~media representation~~

<u>list of scheduled play times of the media program</u> is generated in paper format that includes

at least one user-selectable identifier allowing a user to access and control media content.

15. (Cancelled)

16. (Currently Amended) The system of claim [[15]] <u>1</u>, wherein the ~~at least one~~

~~barcode further~~ <u>one or more user selectable barcodes</u> comprises at least one record barcode

that can be scanned <u>and responsive to the scanning of the record barcode the printer performs</u>

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an action of recording ~~to record~~ ~~an associated~~ a media program associated with the record barcode.

17. (Currently Amended) The system of claim [[15]] 1, wherein the ~~at least one barcode further~~ one or more user selectable barcodes comprises at least one play barcode that can be scanned and responsive to the scanning of the record barcode the printer performs an action of playing, on a display device, ~~to play an associated~~ a media program associated with the play barcode.

18. (Original) The system of claim 14, wherein the at least one user-selectable identifier comprises at least one numerical identifier which the user can type into an external device to access and control media content.

19. (Cancelled)

20. (Currently Amended) In a computer system comprising a media receiver in communication with a printer, a [[A]] method ~~for recording media content and~~ for generating media representations of a collection of media programs at the printer, the method performed by the printer and comprising:

    receiving scheduling preferences comprising a media program;

    setting the media receiver to a channel that includes media program scheduling

        information;

    extracting, ~~media content~~ from [[a]] the ~~media receiver~~ channel, scheduling

        information associated with the media program; and

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generating a ~~media representation of~~ <u>list of scheduled play times of</u> the media ~~content~~

<u>program based on the extracted scheduling information, the list comprising</u>

<u>one or more user selectable barcodes for each play time of the media program,</u>

<u>wherein each barcode is associated with an action that is performed by the</u>

<u>printer responsive to user selection of the barcode</u>; and

<u>printing the list of scheduled play times of the media program.</u>

~~communicating with a media receiver through a media transfer interface, wherein an~~

~~output device communicates with the media receiver.~~

21. (Currently Amended) The method of claim 20, further comprising ~~the output device using media content recognition techniques to recognize~~ <u>recognizing</u> media content extracted from the media receiver.

22. (Currently Amended) The method of claim 20, further comprising ~~the output device~~ sending commands to the media receiver to control actions of the media receiver.

23. (Original) The method of claim 20, further comprising scheduling actions of the media receiver to occur at predefined times.

24. (Currently Amended) The method of claim [[23]] <u>20</u>, wherein <u>the</u> scheduling <u>preferences</u> ~~actions~~ further ~~comprises~~ <u>comprise</u> ~~scheduling generation of a media representation, wherein the generation is scheduled to occur at~~ user-defined time periods <u>that the list of schedule play times is generated.</u>

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25. (Currently Amended) The method of claim 24, wherein ~~scheduling generation of a media representation further comprises entering~~ the scheduling preferences are entered into a profile that controls actions of the ~~output device~~ printer which controls actions of the media receiver.

26. (Currently Amended) The method of claim 20, wherein ~~generating a media representation further comprises generating a schedule representation of a~~ the list of scheduled play times of the media program ~~programs, wherein the schedule representation~~ includes specific information about ~~each~~ the media program.

27. (Currently Amended) The method of claim [[26]] 20, wherein generating a list of scheduled play times of the media program ~~schedule representation of a list of media programs~~ further comprises formatting the ~~schedule representation~~ the list based on a pre-defined user preferences profile.

28. (Currently Amended) The method of claim [[26]] 20, ~~wherein generating a schedule representation of a list of media programs further comprises~~ further comprising updating the generated ~~schedule representation~~ list of scheduled play times of the media program to include current schedule information associated with the media program.

29. (Currently Amended) The method of claim [[26]] 20, wherein generating a ~~schedule representation of a list of media programs~~ list of scheduled play times of the media program further comprises:

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setting a media display to a channel that includes a schedule display showing media program scheduling information; and

performing optical character recognition on the ~~schedule display of the media display~~ <u>channel that includes media program scheduling information</u> to read schedule information content and generate a representation of the ~~schedule display~~ <u>schedule information content</u>.

30. (Currently Amended) The method of claim [[26]] <u>20</u>, wherein generating a ~~schedule representation of a list of media programs~~ <u>list of scheduled play times of the media program</u> further comprises searching for specific user-defined features within the media content and displaying search results.

31. (Currently Amended) The method of claim 20, further comprising monitoring commands from an external interface, wherein the commands include a request to generate ~~a media program schedule representation~~ <u>the list of scheduled play times of the media program, wherein the request includes</u> ~~with~~ user-defined parameters.

32. (Currently Amended) The method of claim 20, further comprising monitoring commands from an external device, wherein the commands include a request to update an internal table that stores the association between ~~user-selectable identifiers~~ <u>barcodes</u> printed on the ~~media representation~~ <u>the list of scheduled play times</u> and the actions that can be executed ~~on the output device~~ <u>by the printer</u> in response to <u>a selection of the barcodes</u> ~~those user-selectable identifiers~~.

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33. (Original) The method of claim 20, further comprising recording media content and storing the media content on a storage medium, wherein the stored media content can be played in response to commands received from an external device interface.

34. (Original) The method of claim 20, further comprising a web server with a common gateway interface for controlling the schedule for recording and playing of media content.

35. (Cancelled)

36. (Currently Amended) The method of claim [[35]] 20, further comprising ~~selecting~~ receiving a selection of a barcode that causes the printer to perform an action of recording a media program associated with the barcode ~~a user-selectable identifier on the paper-based format of the media schedule information to record the associated media program~~.

37. (Currently Amended) The method of claim [[35]] 20, further comprising ~~selecting~~ receiving a selection of a barcode that causes the printer to play, on a display device, a media program associated with the barcode ~~a user-selectable identifier on the paper-based format of the media schedule information to play the associated media program~~.

38. (Currently Amended) The method of claim [[26]] 20, further comprising updating a database that stores current schedule information associated with the media

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program and ~~associated user-selectable identifier~~ information <u>associated with the one or more</u>

<u>user selectable barcodes</u>.

39. (Currently Amended) The method of claim [[26]] <u>20</u>, further comprising

advancing ~~a schedule display~~ <u>the media program scheduling information</u>, wherein advancing

the ~~schedule display~~ <u>media program scheduling information</u> comprises:

    capturing a first frame of ~~the~~ <u>a</u> current ~~schedule~~ display <u>of the media program</u>

        <u>scheduling information</u> on ~~a schedule~~ <u>the</u> channel;

    sending a command to the media receiver to advance the ~~schedule~~ <u>current</u> display <u>of</u>

        <u>the media program scheduling information</u> on the ~~schedule~~ channel;

    capturing a second frame of the advanced ~~schedule~~ display <u>of the media program</u>

        <u>scheduling information</u> on the ~~schedule~~ channel; and

    comparing the first frame to the second frame to determine if the ~~schedule~~ <u>scheduling</u>

        information has changed and <u>to determine if</u> the ~~schedule~~ display <u>of the media</u>

        <u>program scheduling information</u> should be advanced[[ ]].